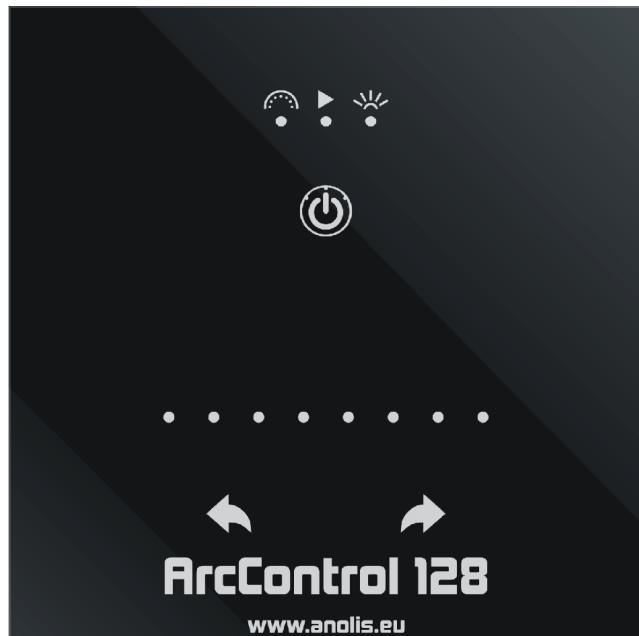




ArcControl 128



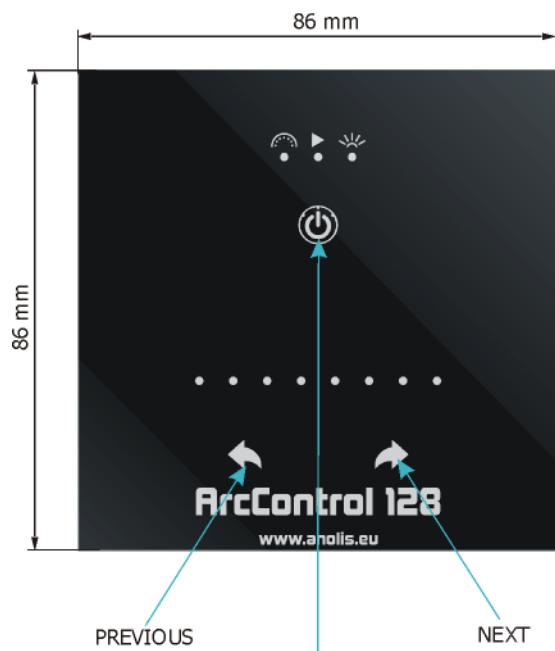
Version 1.0

USER MANUAL

1. Features

- DMX512 Stand Alone Controller with a glass face
- 128 channels max. (depends on QTY of steps)
- 3 touch sensitive buttons (on/off mode, previous, next)
- Up to 24 dynamic or static scenes (8 first visualized by a led)
- Live setting of the intensity and color of a scene
- Compatible with any DMX fixture or DMX LED driver.
- Ready to use (pre-loaded with 8 scenes and 42 RGB fixtures)
- 32-bit ARM technology
- Wall mountable
- Programmable through the included USB cable and control software

2. ArcControl 128 exterior view



COLOR MODE

Holding the left or right button allows for direct access to any color. A single touch gives access to the basic colors. Pressing the 2 arrows at the same time will return to the default color. Pressing previous and next simultaneously will reset dimmer/color.



SCENE MODE

The left and right buttons allow you to change the current scene. A scene can be static (one step) or dynamic (several steps with fade/holdtime).

DIMMER MODE

The left and right buttons can be used to change the brightness. Pressing the 2 arrows simultaneously will reset to the default level.



3. Installation

1. Mount an electrical box inside the wall

The ArcControl 128 can be installed in a standard 60mm electrical backbox.
You can insert the AC/DC adapter (if you use it) inside or outside the backbox.

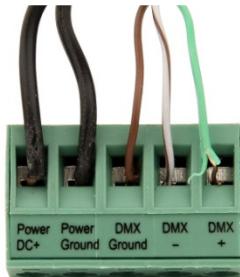


2. Connect the wires

DMX: Connect the DMX cable to the lighting receivers (Leds, Dimmers, Fixtures..)
(for XLR: 1=ground 2=DMX- 3=DMX+)

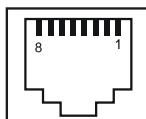
POWER: Connect the AC/DC adapter, 5,5-12V/500mA. Make sure to not invert the + and the ground.

ArcControl 128



Note: If you use the following ArcPower drivers: ArcPower 36 (ArcPower SmartWhite 36), ArcPower 72 (ArcPower SmartWhite 72), ArcPower 144 (ArcPowerSmartWhite 72), ArcPower 360 (ArcPower SmartWhite 360), you can use +12V on the pin 2 of DMX IN connector for supply of the ArcControl 128:

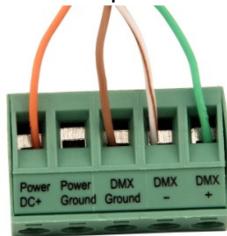
DMX Input



RJ45

Pin No.	Function	Wire	Pin No.	Function	Wire
Pin 1	Not connected		Pin 5	not connected	
Pin 2	+12V	Orange*	Pin 6	Data +	Green*
Pin 3	Not connected		Pin 7	Data -	White/brown*
			Pin 8	GND	Brown

* the Colours of wires respond standard Patch cabel cat.5. with four twisted pairs



Note: ArcPowers /K2 series do not allow to use 12V for supply of the ArcControl 128 (e.g. ArcPower 36/K2....).

3. Mount the interface on the wall

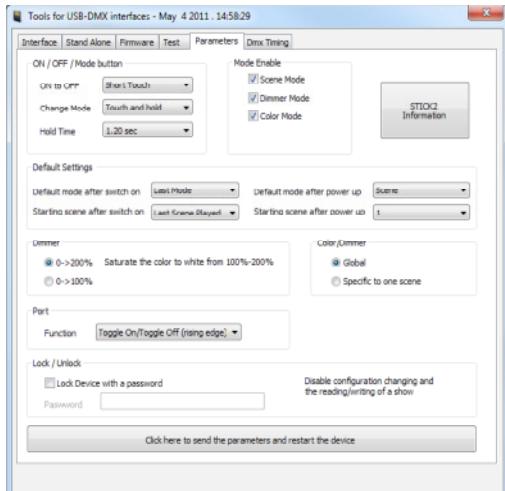
First, plug the 2 connectors (green connector block).

Secondly, mount the back side of the interface on the wall with 2 or more screws.

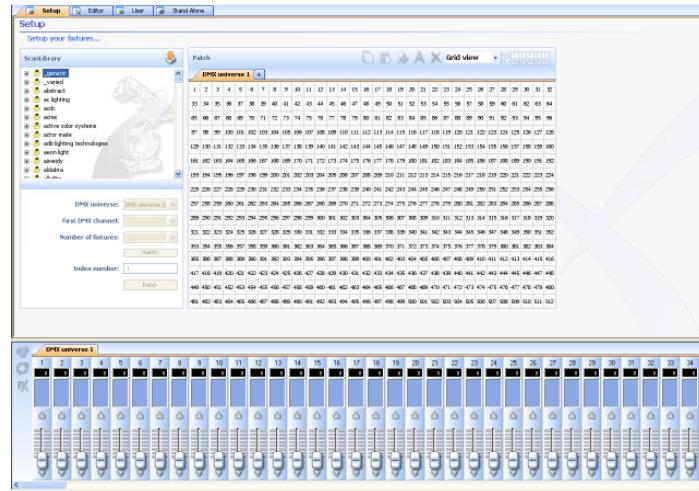
Then, close the unit by clipping the front panel onto the back plate.

4. Software

1. TOOLS.EXE to set parameter



2. ArcControl 128 to program the memory



5. Technical specifications

PC requirement: Windows XP/VISTA/SEVEN 32/64 bits and USB 2.0

Software: ArcControl 128

Versions: Black (No. 1080250), White (No. 10080255)

Connections: Power (2pins); DMX (3pins); Micro-USB

Channels: 128 max. (depends on QTY of steps)

Power: from 5.5V to 12V DC

Keypad dimensions: 86x86x10 mm

Keypad weight: 130g

IP rating: IP20

Ambient operating temperature: 0°C to 50°C

Package: ArcControl 128, USB stick with software (ArcControl 128), USB cable, connector block

Optional accessories: AC/DC adapter (No. 1305 1648)

Available memory

Channels	8	16	32	48	64	80	96	112	128
Steps	326	192	102	68	50	38	31	25	21

Specifications are subject to change without notice.

October 25, 2011

Version: 1.0